

# ENCODE DCC Antibody Validation Document

Date of Submission

Name:

Email:

Lab

Antibody Name:

Target:

Company/  
Source:

Catalog Number, database ID, laboratory

Lot Number

Antibody  
Description:

Target  
Description:

Species Target

Species Host

Validation Method #1

Validation Method #2

Purification  
Method

Polyclonal/  
Monoclonal

Vendor URL:

Reference (PI/  
Publication  
Information)

Please complete the following for antibodies to histone modifications:  
*if your specifications are not listed in the drop-down box,  
please write-in the appropriate information*

Histone Name

AA modified

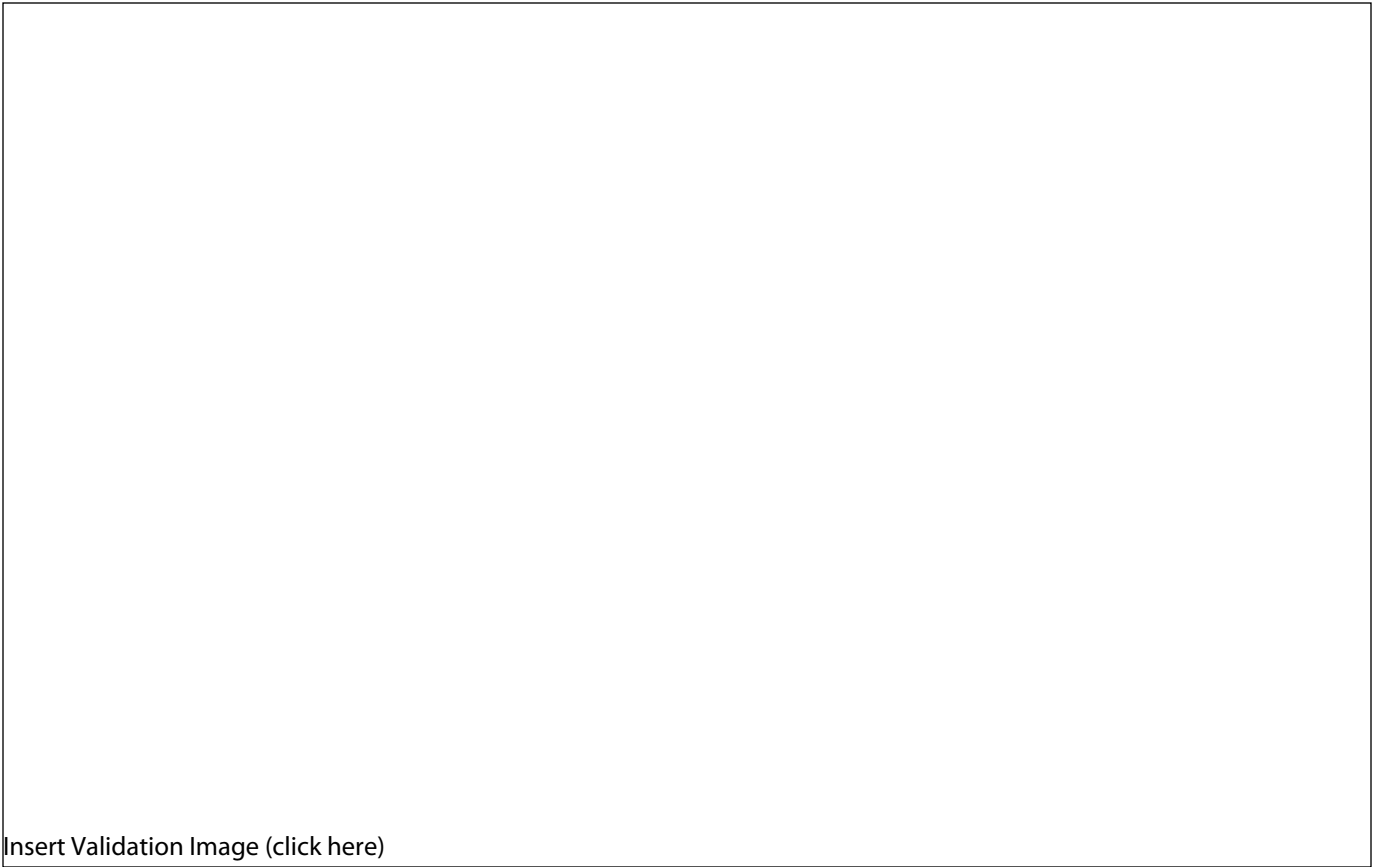
AA Position

Modification

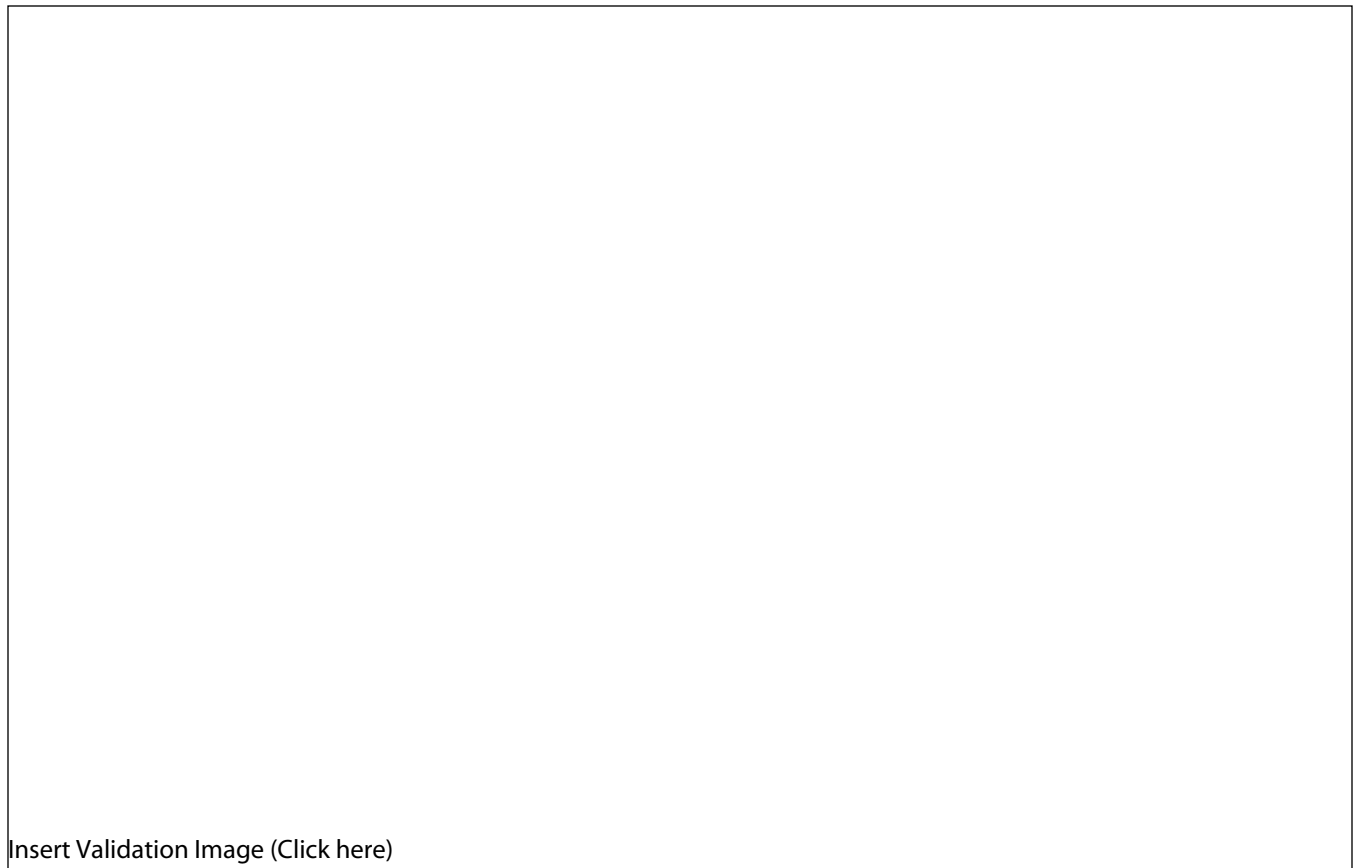
Validation #1  
Analysis



Insert Validation Image (click here)



Validation #2  
Analysis



Insert Validation Image (Click here)

**Validation 2: STAT5A\_(SC-74442).** Results of IP-Mass Spec for the ~90 kDa band identified in IP-Western from Validation 1. The target protein, STAT5A, is identified in entry no. 2a.

Entry no.	Protein	Protein probability	Percent share of spectrum id's	Description
1a	UniRef100_A4D2A2	1	0.95	MCM7 minichromosome maintenance deficient 7 ( <i>S. cerevisiae</i> )
<b>2a</b>	<b>UniRef100_A8K6I5</b>	<b>1</b>	<b>18.74</b>	<b>cDNA FLJ75126, highly similar to Homo sapiens signal transducer and activator of transcription 5A (STAT5A), mRNA</b>
3a	UniRef100_B1ANR0	1	0.66	Poly(A) binding protein, cytoplasmic 4 (Inducible form)
4a	UniRef100_B4DIW2	1	1.07	cDNA FLJ54035, highly similar to Neutral alpha-glucosidase AB
5a	UniRef100_C5I WV5	1	6.75	Trypsinogen
6a	UniRef100_P02769	1	4.3	Serum albumin
7a	UniRef100_P04264	1	12.58	Keratin, type II cytoskeletal 1
7b	UniRef100_P35908	1	4.93	Keratin, type II cytoskeletal 2 epidermal
7c	UniRef100_P13647	1	2.64	Keratin, type II cytoskeletal 5
7d	UniRef100_Q0IIN1	0.9874	0.32	Keratin 77
8a	UniRef100_P08238	1	8.64	Heat shock protein HSP 90-beta
8b	UniRef100_P07900	1	3.68	Heat shock protein HSP 90-alpha
8c	UniRef100_P14625	1	0.75	Endoplasmin
9a	UniRef100_P13639	1	0.68	Elongation factor 2
10a	UniRef100_P35527	1	10.51	Keratin, type I cytoskeletal 9
10b	UniRef100_P13645	1	9.56	Keratin, type I cytoskeletal 10
10c	UniRef100_P02533	1	2.21	Keratin, type I cytoskeletal 14
11	UniRef100_P00762	0.9999	0.61	Anionic trypsin-1
12	UniRef100_P01133	0.9932	0.21	Epidermal growth factor
13	UniRef100_B0QYK0	0.9838	0.27	Ewing sarcoma breakpoint region 1
14	UniRef100_B4DP20	0.9838	0.27	cDNA FLJ58372, highly similar to Nuclear pore complex protein Nup88
15	UniRef100_B4DHD2	0.9806	0.27	cDNA FLJ55458, highly similar to Programmed cell death 6-interacting protein
16	UniRef100_A4D210	0.9791	0.25	Eukaryotic translation initiation factor 3, subunit 9 eta, 116kDa
17	UniRef100_A5JHP3	0.9728	0.14	Dermcidin isoform 2
18	UniRef100_A8K6Q8	0.9728	0.14	cDNA FLJ75881, highly similar to Homo sapiens transferrin receptor (p90, CD71) (TFRC), mRNA